

Technical Datasheet

Ecolin® RX**Bio-Based Anti-Oxidant**

Product Characteristics:

- Bio-Based Antioxidant for Natural & Synthetic Rubber.
- Offers exceptional resistance to aging while protecting against heat and oxygen exposure.
- Enhances performance when combined with other antioxidants, delivering a synergistic effect works effectively with Other Additives.
- RoHS, SVHC and PAH Compliant.
- Biodegradable & environmentally sustainable, Exempted from REACH.

Chemical Properties:

Sr. No.	Characteristics	Test Method	Typical Value
1	Colour	-	Brown Powder
2	Specific Gravity	Internal Method APS 21	1.36 ± 0.2
3	PH	ASTM D2549	Approx 3 to 4
4	Moisture Content	ASTM D297	<1%
5	Ash Content %	ASTM D 297	<3%
6	Particle Size	ASTM E 2651	20-30 µm.
7	Bulk Density	ASTM C29	0.23-0.26

Applications

- Tyre, Seals and gaskets, Hoses and tubing, Conveyor belts, Rubber Sheets, Adhesives and sealants, Rubber rollers & Moulded Goods.

Usage

- Recommended dosage of 2-4 PHR.

Shelf life and Storage Conditions

- Expected Shelf life is minimum 3 year in original unopened packaging.
- Product should be stored in Air tight condition in a cool place, away from the sunlight.
- Avoid heavy stacking of the product.